

**AMENDMENTS TO THE CLAIMS:**

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. - 4. (Cancelled).

5. (Currently Amended) The hyperthermia method according to claim 41, Claim 4, further comprising covering the magnetite with cationic liposome.

6. - 10. (Cancelled).

11. (Currently Amended) A method for treating a malignant tumor comprising:  
administering cytokine to a malignant tumor; and  
subjecting said tumor to hyperthermia, wherein  
said subjecting said tumor to hyperthermia comprises  
administering magnetic fine particles to said tumor and heating said magnetic  
fine particles;  
said magnetic fine particles comprise magnetite or ferrite or  
permalloy; and

~~The hyperthermia method according to Claim 8, wherein the~~  
cytokine is interleukin-2.

12 - 13. (Cancelled).

14. (Currently Amended) A method for treating a malignant tumor  
comprising:  
administering cytokine to a malignant tumor; and  
subjecting said tumor to hyperthermia, wherein  
said subjecting said tumor to hyperthermia comprises  
administering magnetic fine particles to said tumor and heating said magnetic  
fine particles;  
said magnetic fine particles comprise magnetite or ferrite or  
permalloy; and ~~The hyperthermia method according to Claim 8, wherein the~~  
cytokine is a granulocyte macrophage colony stimulating factor.

15. - 34. (Cancelled).

35. (Currently Amended) The hyperthermia method according to claim  
11, Claim 33, wherein said magnetic fine particles comprise ferrite.

36. (Currently Amended) The hyperthermia method according to claim 11, ~~Claim 33~~, wherein said magnetic fine particles comprise permalloy.

37. (Currently Amended) The hyperthermia method according to claim ~~41~~33, wherein said magnetic fine particles comprise an antibody which selectively binds to malignant tumor cells.

38. - 40. (Cancelled).

41. (New) The hyperthermia method according to claim 11, wherein said magnetic fine particles comprise magnetite.

42. (New) The hyperthermia method according to claim 14, wherein said magnetic fine particles comprise magnetite.

43. (New) The hyperthermia method according to claim 42, further comprising covering the magnetite with cationic liposome.

44. (New) The hyperthermia method according to claim 14, wherein said magnetic fine particles comprise ferrite.

45. (New) The hyperthermia method according to claim 14, wherein said magnetic fine particles comprise permalloy.

46. (New) The hyperthermia method according to claim 42, wherein said magnetic fine particles comprise an antibody which selectively binds to malignant tumor cells.